OPEN-O Update

Open Source Leadership Summit
February 16, 2017

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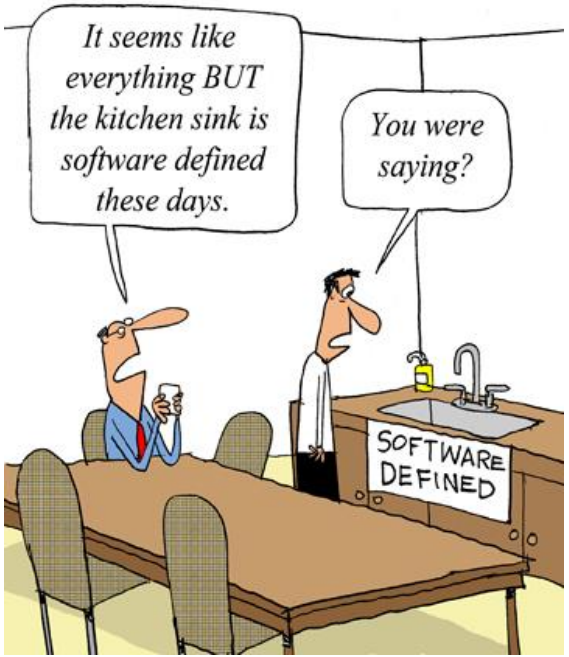
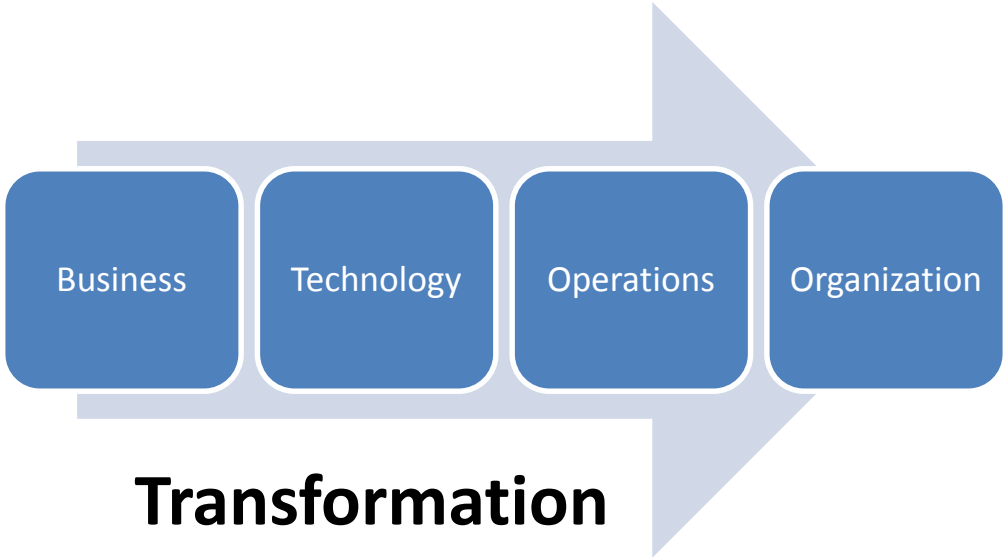
Agenda

- Why Open Orchestration?
- Introduction to OPEN-O
- OPEN-O Status



SDN/NFV = Unprecedented Transformation



Agility

Differentiation

Flexibility and Choice

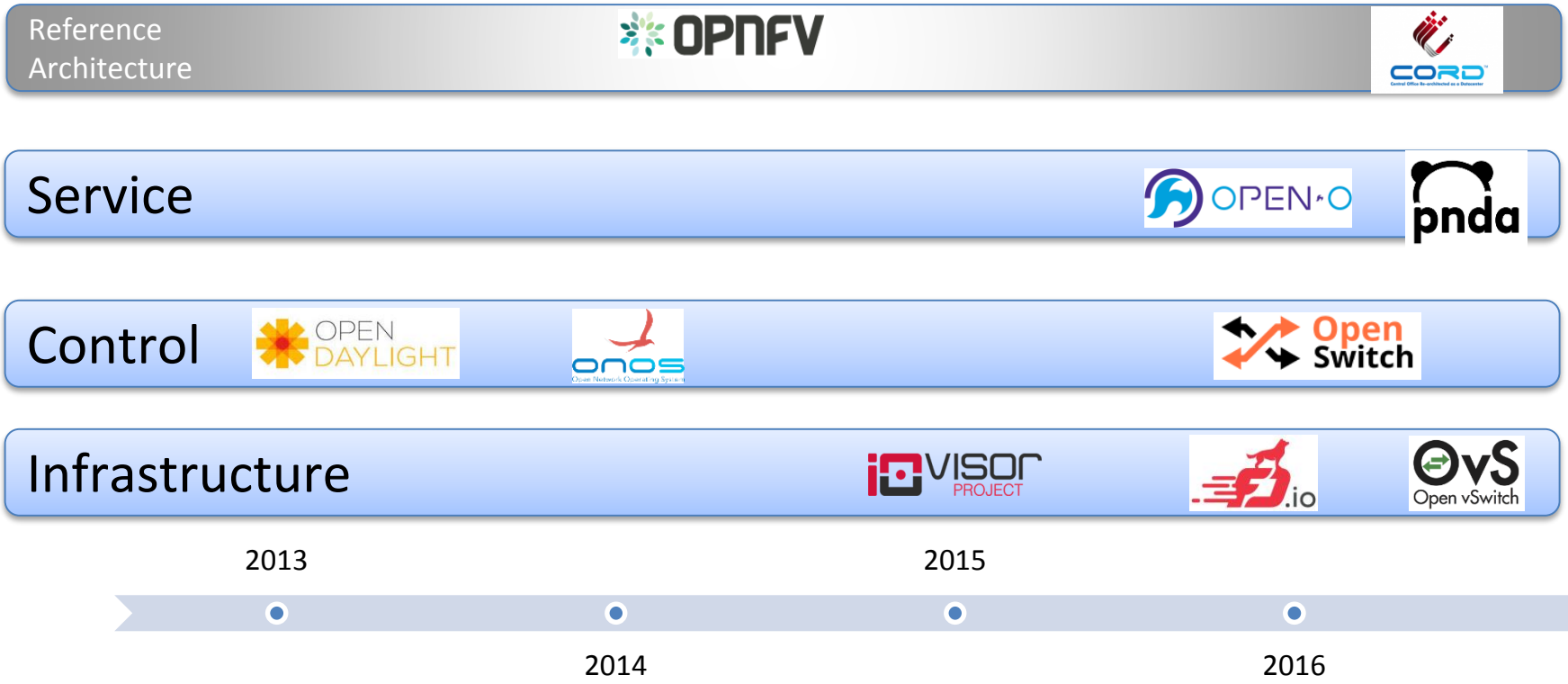
Revenues

Design Time

Operational Expenses

Development Costs

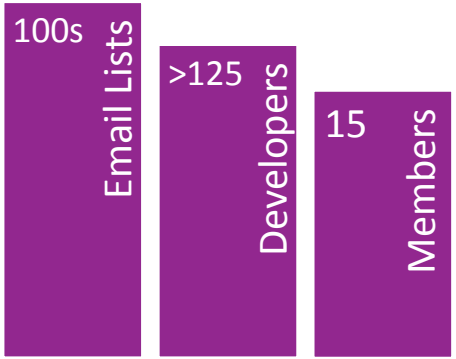
Open Source: Moving up the stack



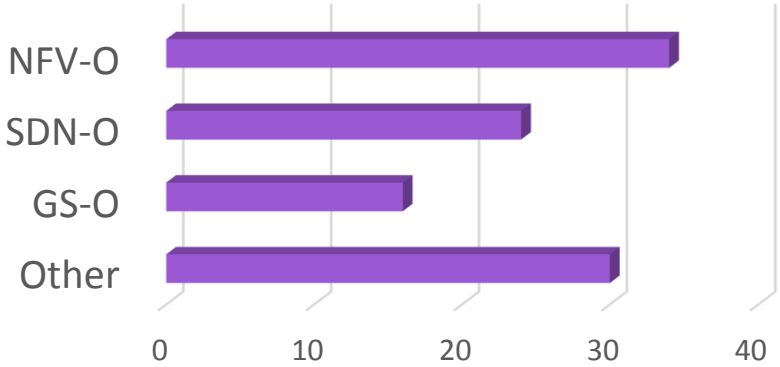
OPEN-O Overview

End-to-End Service Orchestration over NFV, SDN, and Leagacy Networks

By the Numbers



OPEN-O Developers



Liaisons

ETSI World Class Standards

OPEN NETWORKING FOUNDATION

MEF LSO

OPNFV

OPEN DAYLIGHT

ONOS Open Network Operating System

Announced

Formation

Sun Rel. (1.0)

Mercury Rel. (2.0)

OPNFV Integr.

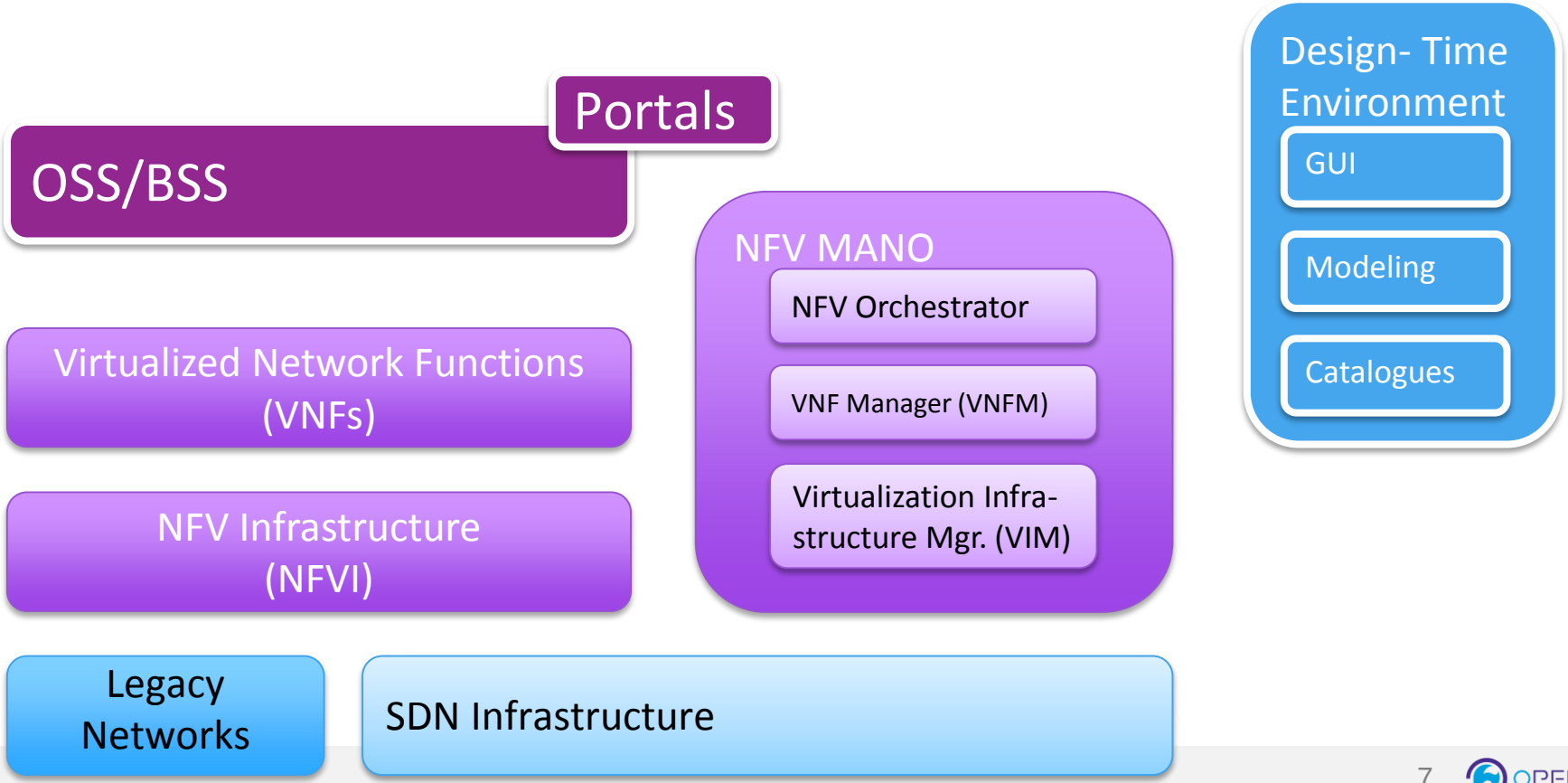
1Q-2016 | 2Q-2016 | 4Q-2016 | 1Q-2017 | 2Q-2017

OPEN-O Members (January, 2017)

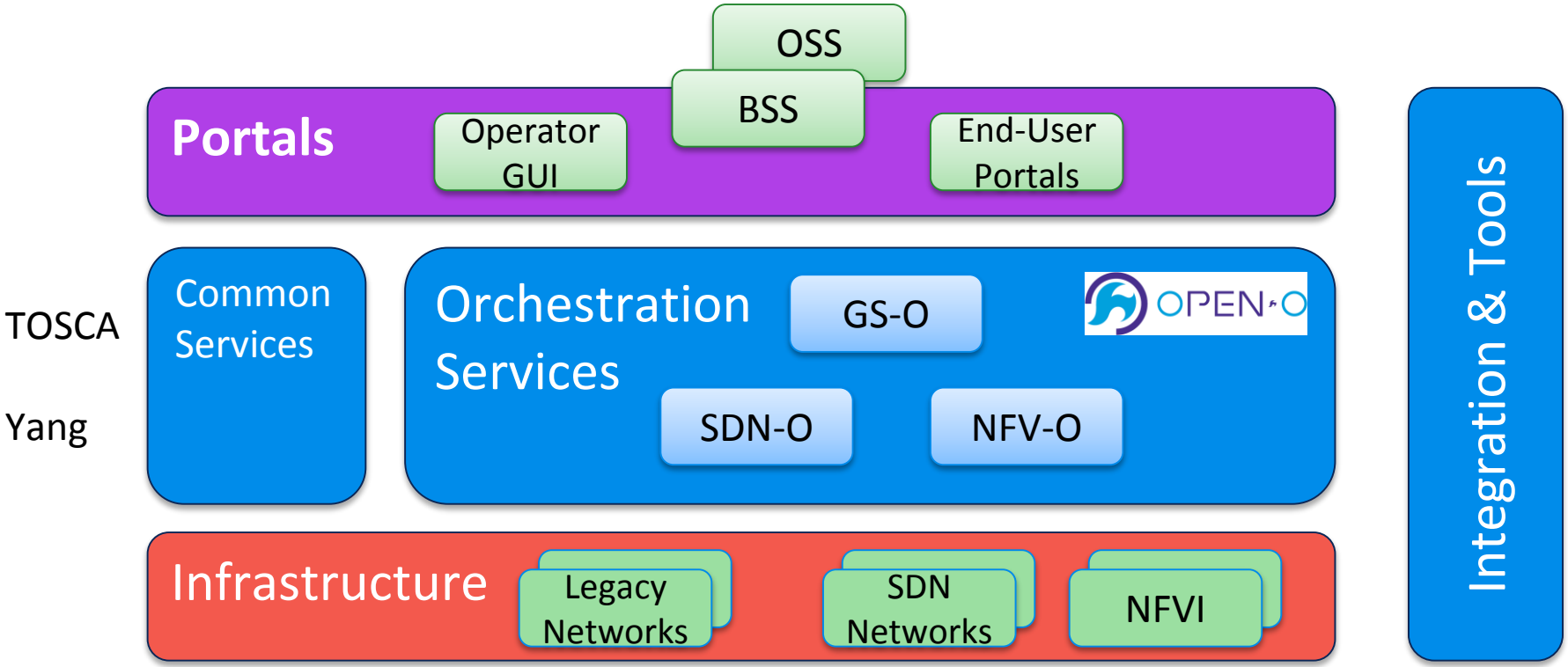
- Premier Members
  - China Mobile
  - China Telecom
  - Ericsson
  - GigaSpaces
  - Hong Kong Telecom (HKT)
  - Huawei
  - Intel
  - VMware
  - ZTE

- General Members
  - BOCO
  - Canonical
  - Cloudbase Solutions
  - InfoBlox
  - Raisecom
  - RedHat

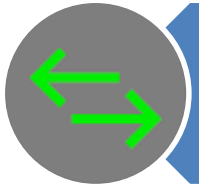
More than MANO is needed. . .



OPEN-O Architecture



OPEN-O Value Proposition



It's about the services

- End-to-end
- Model-driven

Support for brownfields

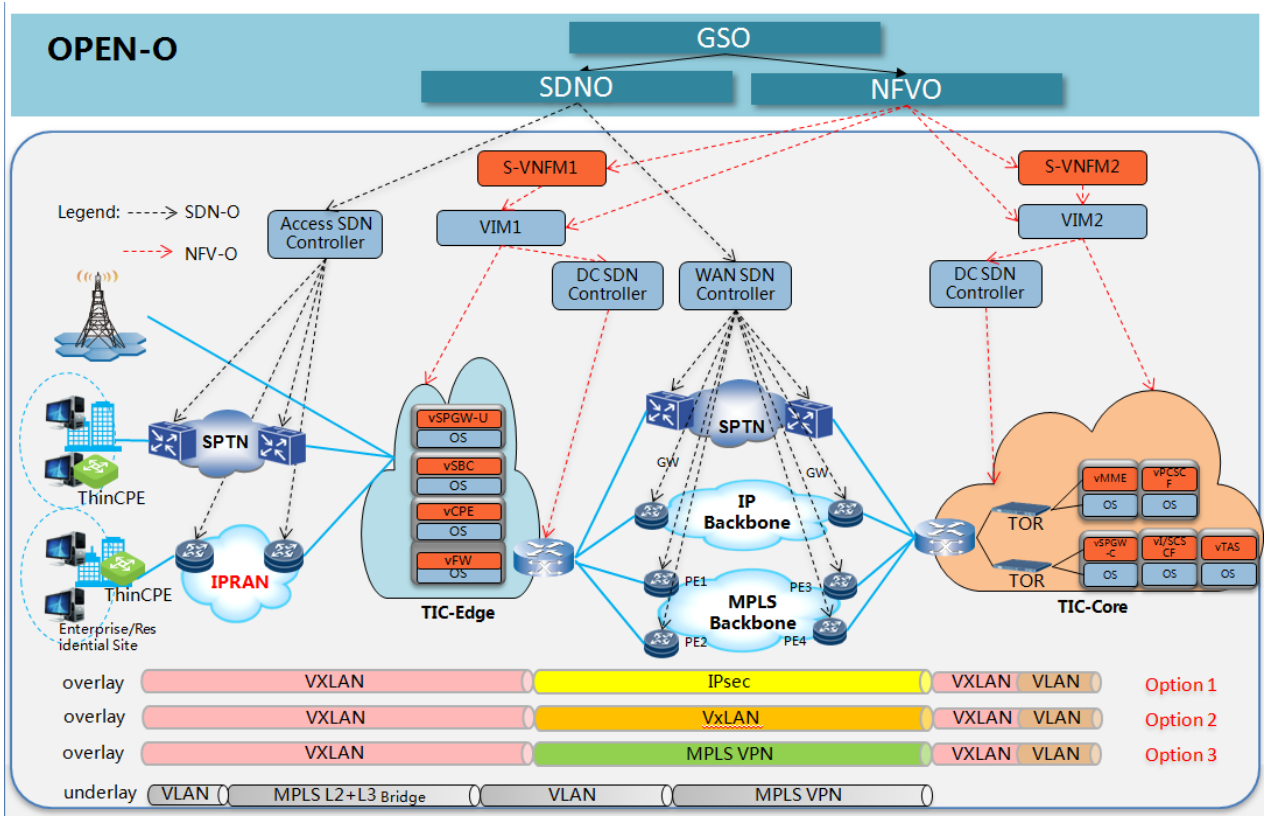
- Connectivity services

Tailored to the operator

- Modular framework

Any Service over Any Network

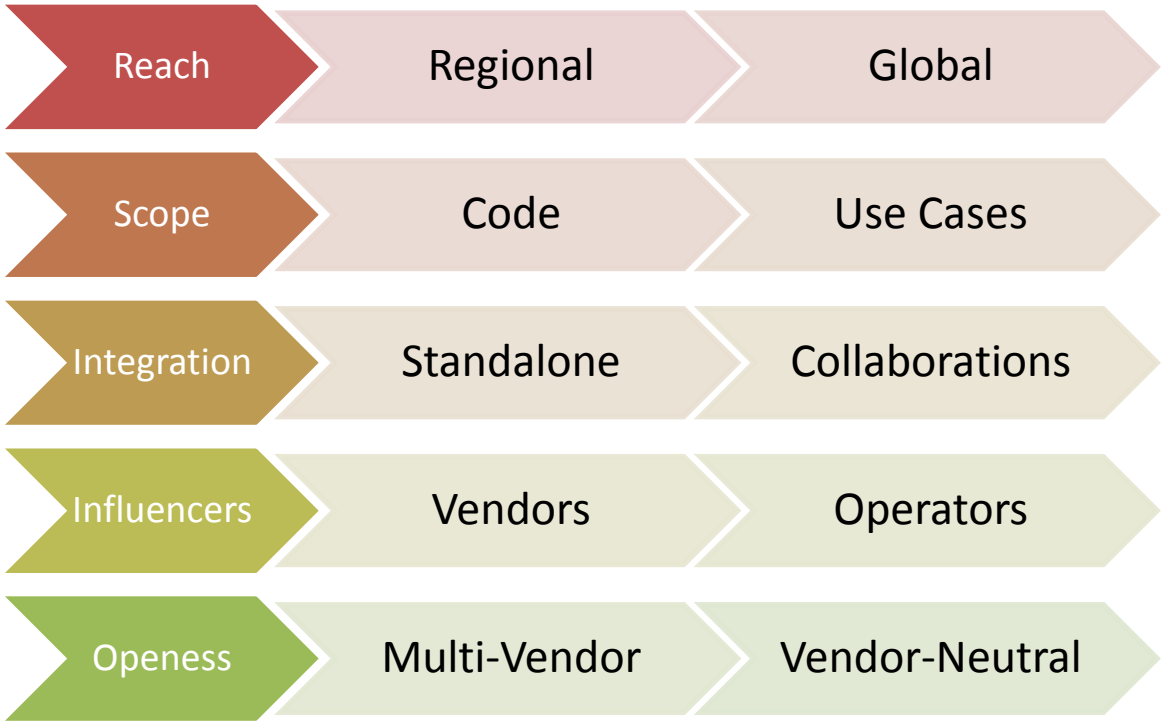
OPEN-O 2.0 Use Case: vCPE & VoLTE



OPEN-O thrives as a Global Project

	Challenges	Best Practices
Timezone	Address 16 hour span North America W to Japan	Minimal conference calls Global window: 14:30 UTC
Communications	English is a second language for many Challenging security policies per region	Leverage Wiki and write everything down Experiment with a range of collaboration tools
Multi-Cultural	Significant cultural differences around the globe	Frequent face-to-face meetings to build trust and relationships Social events to expose everyone to local culture
Process	Risk for ambiguity and misinterpretation	Email voting Require: 1) Post all proposals on Wiki 2) 48 hour voting period (minimum)

Evolving the methodology. . .



Time Zone, Communications, Culture, Temperature, etc.

Architecture Committee, GB

Project Diversity

The Role of the Linux Foundation

- Neutrality
- Best Practices
- Infrastructure
- Community Building
- Promotion

THE LINUX FOUNDATION

"creating the greatest shared technology investment in history by enabling open source collaboration across companies, developers, and users"
Jim Zemlin, Executive Director, The Linux Foundation

谢谢
Thank You

For more details on OPEN-O:
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